

# Alessandro Ferrari

+1 (646) 821 5621 • Atlanta, GA - New York, NY • [alessandroferrari@gatech.edu](mailto:alessandroferrari@gatech.edu) • US Permanent Resident (Green Card)  
[www.linkedin.com/in/alessandroferrari04](https://www.linkedin.com/in/alessandroferrari04)

## EDUCATION

**GEORGIA INSTITUTE OF TECHNOLOGY, College of Computing**  
**Bachelor of Science in Computer Science**

**Atlanta, Georgia**  
*August 2022 - May 2026*

- Concentration: Intelligence, Modeling & Simulation

## EXPERIENCE

**Egicon S.r.l.**

**New York, NY - Modena, Italy**

**Firmware Developer**

*June 2021 - July 2021*

*Egicon S.r.l. designs and produces "Plug & Play" electronic solutions for high-performance systems.*

- Developed bare metal software in C++ for custom hardware used in product testing
- Synced with remote team to make revisions based on senior developer feedback and prepared circuit for production
- Used industry standard technology stacks to ensure longevity of product while having complete control over direction of the project

**WestSideEats**

**New York, NY**

**Web Developer**

*Sept 2021 - Jun 2022*

*WSE is a New York based nonprofit startup specializing in food deliveries.*

- Leveraged agile software development in a team to present a product using technologies like React, AWS and Square
- Developed internal tools in ReactJS to decrease development time and enabled outsourcing of menus to clients
- Used industry standard tools like git and Jira to sync with the team

**Rocky Linux**

**New York, NY**

**Bug Tester**

*August 2021 - October 2021*

*Rocky Linux is the successor of CentOS, after it was bought and terminated by IBM.*

- Synced up with a team from around the world to bring together a free, enterprise-grade operating system
- Worked with a community composed of 20 people that we grew to multiple thousands through directional weekly meetings
- Used industry standard tools like Bugzilla and Mattermost to track progress and communicate with team

**La Scuola d'Italia Guglielmo Marconi**

**New York, NY**

**Vice President of Student Council**

*Sept 2020 - May 2021*

- Used leadership skills to help student body throughout a difficult year of hybrid learning
- Helped organize and direct volunteering project involving the whole student body

## PROJECTS

**CHIP8-rs**

**New York, NY**

**Wrote a CHIP8 emulator in Rust**

*Sept 2020 - June 2021*

- Developed one of the first emulators for the CHIP8 platform in rust
- Used CI/CD platform to build and test my code on every push to production
- Wrote low-level code to implement features such as registers and memory using no external libraries

## SKILLS/INTERESTS

**Languages:** Italian - native, English - C1, French - Basic, Latin - Proficient  
**Technology:** Python, C/C++, Rust, R, Javascript, HTML, CSS, Typescript, React, Tensorflow, Jupyter, Git, JIRA, AWS, Linux  
**Affiliations:** Phi Kappa Theta Fraternity, Dependently Typed Compiler Club  
**Awards:** First Place in the RomeCup robotics competition in 2015, Second place in 2014  
**Volunteer:** New York City Common Pantry 2019-2022  
**Interests:** Philosophy, Modern Art